

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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|------------|-------------------------------|------------------|---------------------------|
| Applicants | : Jeanne Guerin <i>et al.</i> | Art Unit | : 3751 |
| Serial No. | : 10/711,553 | Examiner | : MAHONE, Kristie Annette |
| Filed | : 09/24/2004 | Confirmation No. | : 5552 |

For : MIST DELIVERY SYSTEM

Customer No. : 64722
Atty. Docket No. : 04-0304

To: Mail Stop AF
Commissioner for Patents
P. O. Box 1450
Alexandria, Virginia 22313-1450

DECLARATION UNDER RULE 131

The instant declaration is being filed to dispose of a prior art reference *Guerin et al.* (U.S. 2005/0210576) (hereinafter '576), which has a U.S. filing date of March 23, 2004 and was relied on by the Examiner as a basis for 35 U.S.C. §§ 102 and 103 rejections in the final office action dated June 26, 2007 in this application.

The instant application was filed on September 24, 2004, within one year following the filing date of '576.

Jeanne Guerin, a co-inventor of both the '576 and the instant invention, declares as follows:

1. That I received my Master degree in Applied Sciences from the University of Montreal;
2. That I have been employed by the assignee of the instant invention, The Boeing Company, for nine (9) years;

3. That sometime prior to March 23, 2004, I conceived a misting shower system for use on a vehicle such as an aircraft;
4. That said misting shower system included a collapsible bag having a plurality of spouts or nozzles and an enclosure. The enclosure comprised an internal surface and an external surface. The internal surface of the enclosure included a hydrophobic surface which may be removed for cleaning or disposal. The internal surface defined a drain opening receiving misted air during a drying cycle. The external surface comprised a condensing surface. The system further comprised a plurality of mist dispensers positioned in the collapsible bag and a control device directing said misted substance through said plurality of mist dispensers;
5. That the invention was documented in an "Invention Disclosure" of The Boeing Company dated earlier than the U.S. filing date of '576. A redacted copy (pages 1-2 and 9) of the invention disclosure is enclosed as Exhibit A;
6. That the application for the invention was filed in the United States Patent and Trademark Office for patent protection on September 24, 2004, within one year following the filing date of '576.
7. That Exhibit B attached hereto represents an illustration of the misting shower system prepared before the filing date of the '576 application and, as shown, possesses the structural elements of the invention as claimed in the instant application; and
8. That all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18

of the United States Code, and that such willful false statements may jeopardize the validity of the above-referenced application for any patent issuing thereon.

Date: 09-03-07

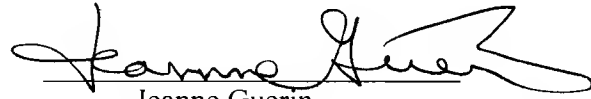

Jeanne Guerin

EXHIBIT A

Page 1 of 9

Misting Shower Alternate Applications

Invention Funding

Please check all of the organizations that have contributed funding over the development of this invention. If Phantom Works has provided some of the funding, please select the next level down as well.

| Major Organization Funding | | Phantom Works Organization Funding | |
|----------------------------|---|------------------------------------|--|
| X | Boeing Commercial Airplane Group | | Advanced Customer Support |
| | Military Airplanes and Missiles | | Manufacturing Technology & Prototyping |
| | Space and Communications (Including Boeing Satellite Systems) | | Advanced BCA |
| | Connexion by Boeing | | Advanced A&M |
| | Air Traffic Management | | Advanced S&C |
| | Shared Services Group | | System Assessment |
| | Phantom Works | | Mathematics and Computing Technology |
| | | | Engineering Technology |
| | | | Lean & Efficient |
| | | | Enterprise Labs |
| | | | Environmental Assurance |

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| DISCLOSURE NO. 74-0304 | DATE RECEIVED | RE G64 | Lead RE | Tech Code EEC | PA AK6 |
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ORIG:MAR Boeing Intellectual
Property Business

BOEING LIMITED



INVENTION DISCLOSURE

Page 2 of 9

This form is to be used for disclosure to The Boeing Company of inventions, discoveries, improvements or innovations, whether or not considered patentable. See above for instructions.

| A Misting Shower Alternate Applications | | | | | | | |
|---|-----------------------------|---|---------------------------|---|--------------------------------|---|-----------------------------|
| INVENTOR NAME (FIRST M.I. LAST) Bethany Franko | | INVENTOR NAME (FIRST M.I. LAST) Kevin Zielke | | INVENTOR NAME (FIRST M.I. LAST) Cynthia Vandewall | | INVENTOR NAME (FIRST M.I. LAST) Peter R Mitchell | |
| MAIL CODE B-K440 OF-LA | | MAIL CODE B-K440 OF-LA | | MAIL CODE B-K440 OF-LA | | MAIL CODE B-K440 OF-LA | |
| PHONE | (425) 294-1213 | PHONE | 425-294-1184 | PHONE | 425-294-1204 | PHONE | 425-294-1181 |
| BOEING EMAIL | Bethany.L.Franko@boeing.com | BOEING EMAIL | kevin.s.zielke@boeing.com | BOEING EMAIL | cynthia.a.vandewall@boeing.com | BOEING EMAIL | peter.r.mitchell@boeing.com |
| Home Address | | Home Address | | Home Address | | Home Address | |
| 1142 N 62 nd St. Seattle, WA 98103 | | Street: 132 NE 55 th Seattle, WA 98105 | | Street: 18201 67 th Ave SE, Snohomish, WA 98296 | | Street: 17611 30 th Dr SE, Bothell, WA | |
| Citizenship: USA | | Citizenship: USA | | Citizenship: USA | | Citizenship: USA | |
| BOEING EMPLOYEE (AND SUBSIDIARY) | | BOEING EMPLOYEE (AND SUBSIDIARY) | | BOEING EMPLOYEE (AND SUBSIDIARY) | | BOEING EMPLOYEE (AND SUBSIDIARY) | |
| <input checked="" type="checkbox"/> Commercial Airplanes <input type="checkbox"/> Military Aircraft and Missiles <input type="checkbox"/> Phantom Works <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Connexion by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Space and Communications <input type="checkbox"/> CONTRACT EMPLOYEE <input type="checkbox"/> OTHER (SPECIFY) | | <input checked="" type="checkbox"/> Commercial Airplanes <input type="checkbox"/> Military Aircraft and Missiles <input type="checkbox"/> Phantom Works <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Connexion by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Space and Communications <input type="checkbox"/> CONTRACT EMPLOYEE <input type="checkbox"/> OTHER (SPECIFY) | | <input checked="" type="checkbox"/> Commercial Airplanes <input type="checkbox"/> Military Aircraft and Missiles <input type="checkbox"/> Phantom Works <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Connexion by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Space and Communications <input type="checkbox"/> CONTRACT EMPLOYEE <input type="checkbox"/> OTHER (SPECIFY) | | <input checked="" type="checkbox"/> Commercial Airplanes <input type="checkbox"/> Military Aircraft and Missiles <input type="checkbox"/> Phantom Works <input type="checkbox"/> Shared Services Group <input type="checkbox"/> Connexion by Boeing <input type="checkbox"/> Air Traffic Management <input type="checkbox"/> Space and Communications <input type="checkbox"/> CONTRACT EMPLOYEE <input type="checkbox"/> OTHER (SPECIFY) | |
| MANAGER'S NAME / MAIL STOP Douglas R. Ackerman / OF-LA PHONE 425-294-0281 | | MANAGER'S NAME / MAIL STOP Douglas R. Ackerman / OF-LA PHONE 425-294-0281 | | MANAGER'S NAME / MAIL STOP Douglas R. Ackerman / OF-LA PHONE 425-294-0281 | | MANAGER'S NAME / MAIL STOP Douglas R. Ackerman / OF-LA PHONE 425-294-0281 | |

Invention Funding

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| Major Organization Funding | | Phantom Works Organization Funding | |
|-------------------------------------|---|------------------------------------|--|
| <input checked="" type="checkbox"/> | Boeing Commercial Airplane Group | <input type="checkbox"/> | Advanced Customer Support |
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| <input type="checkbox"/> | Space and Communications (Including Boeing Satellite Systems) | <input type="checkbox"/> | Advanced BCA |
| <input type="checkbox"/> | Connexion by Boeing | <input type="checkbox"/> | Advanced A&M |
| <input type="checkbox"/> | Air Traffic Management | <input type="checkbox"/> | Advanced S&C |
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| <input type="checkbox"/> | | <input type="checkbox"/> | Enterprise Labs |
| <input type="checkbox"/> | | <input type="checkbox"/> | Environmental Assurance |

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| DISCLOSURE NO 041-03041 | DATE RECEIVED | IPR | Lead IPR | Tech Code | IPA |
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INVENTION DISCLOSURE

Page 9 of 9

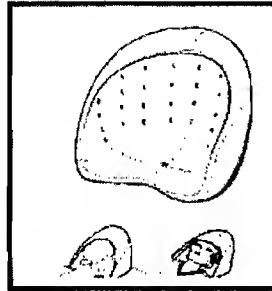
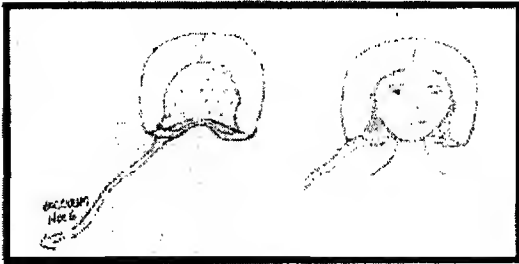
TITLE OF INVENTION

Misting Shower Alternate Applications

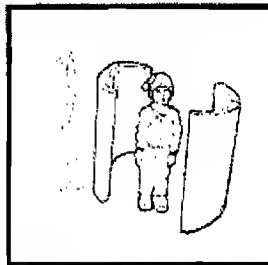
Detailed Description Of the Invention (Optional):

Human Applications for the Recreational sector :

Head unit for washing hairs and conditioning, washing face and moisturizing, nasal congestion



Drying unit for ski and water parks to dry-off for a more comfortable enjoyment of the activity



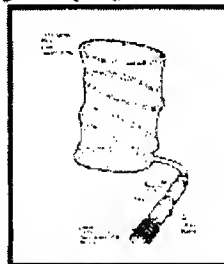
Suntan sprayer and cooling water spraying at the beach

Spas experience: lotion, tanning spray, scent music and light therapy (similar to current prototype)

Humidifyier for dry weather

Disposable, one shower use

Inflatable carry your own shower when traveling/camping



I have read and understood all pages of this invention disclosure that I have signed or Initialed.
PLEASE PROVIDE ALL INFORMATION ON THE FIRST PAGE, THE REST MAY BE INITIALED AND DATED.

| WITNESSES SIGNATURES (AT LEAST TWO) | | DATE | ORGN NO | MAIL STOP |
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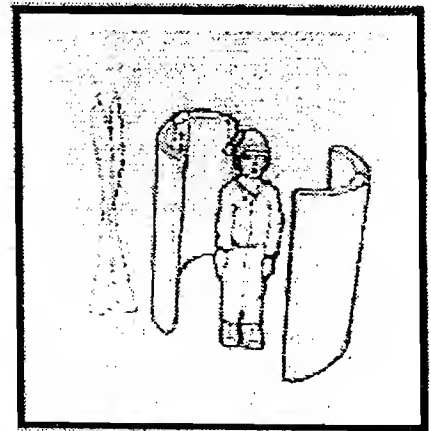
DO-6000-1155 REV 11/95 modified m/c/4/06

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Property Business
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file: IP Misting shower other applications
3/16/04 14:35 PM

EXHIBIT B

Drying unit for ski and water parks to dry-off for a more comfortable enj



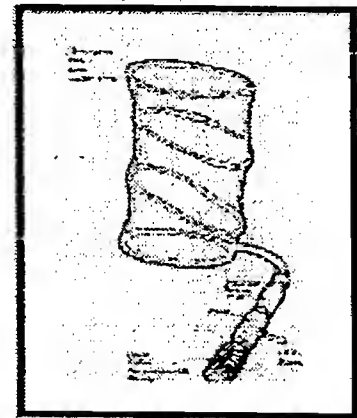
Suntan sprayer and cooling water spraying at the beach

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